

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **RUSSALL QUAT S-37** has been formulated to aid in the reduction of cross-contamination in these areas. **RUSSALL QUAT S-37** is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. **RUSSALL QUAT S-37** an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, **RUSSALL QUAT S-37** will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

## DANGER

Keep out of reach of children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

### STORAGE AND DISPOSAL

Store only in tightly closed, original container in a secure area inaccessible to children. Do not contaminate water, food, or feed by storage or disposal

#### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal

Do not reuse empty container. Triple rinse empty container with water. Return metal drums to reconditioner or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated or, if allowed by local authorities, by burning. If burned, stay out of smoke.

# RUSSALL QUAT S-37

Disinfectant-Cleaner-Sanitizer  
Fungicide-Mildewstat-Virucide\*-Deodorizer  
with Organic Soil Tolerance  
for Hospitals, Institutional and Industrial Use

### Active Ingredients

Octyl Decyl Dimethyl Ammonium Chloride	2.10%
Dioctyl Dimethyl Ammonium Chloride	1.05%
Didecyl Dimethyl Ammonium Chloride	1.05%
Alkyl (C14, 50%; C12, 40%; C16, 10%)	
Dimethyl Benzyl Ammonium Chloride	2.80%

### Inert Ingredients

93.00%  
100.00%

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

### Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**EPA Registration No.** 34892-9  
**EPA Establishment No.** 34892 N.Y. 01  
**Net Contents**

MANUFACTURED BY:

**RUSSALL PRODUCTS CO., INC.**  
2253 Light St., Bronx, N.Y. 10466

**For Sale For Use And Storage  
By Maintenance Personnel Only**

### Directions for Use GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**RUSSALL QUAT S-37** is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil. Apply **RUSSALL QUAT S-37** to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chair, countertops, tile, porcelain, sinks and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when used solution becomes visibly dirty.

**Disinfection** - to disinfect hard, non-porous surfaces, add 1 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level, **RUSSALL QUAT S-37** is also virucidal, fungicidal and fungistatic.

**Sanitizing** - To sanitize porous or non-porous, non-food contact surfaces, add 1 oz. per 3.5 gallons of water. Treated surfaces must remain wet for 2 minutes.

1 oz. per gallon use-level.  
The broad spectrum activity of **RUSSALL QUAT S-37** has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use-Dilution Test:

**ACCEPTED**  
JUL 29 1985  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No. 34892-9

Pseudomonas aeruginosa  
Staphylococcus aureus  
Salmonella choleraesuis  
Escherichia coli  
Streptococcus pyogenes  
Proteus mirabilis  
Klebsiella pneumoniae  
Enterobacter aerogenes  
Salmonella schottmulleri  
Streptococcus faecalis  
Shigella dysenteriae  
Brevibacterium ammoniagenes  
Serratia marcescens  
Salmonella typhi

#### AOAC Fungicidal Test

**RUSSALL QUAT S-37** is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

#### Mold and Mildew Control

At 1 oz./gallon, **RUSSALL QUAT S-37** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

#### Virucidal Performance

\*At 1 oz. per gallon use-level, **RUSSALL QUAT S-37** was evaluated in the presence of 5% serum and found to be effective against Influenza A/Brazil Virus, on inanimate environmental surfaces.

**Sanitizing Non-Food Contact Surfaces** (such as floors, walls, tables, etc.) At 1 oz. per 3.5 gallon use-level, **RUSSALL QUAT S-37** is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.